

Introduction to Installing and Managing Microsoft Exchange Server 2007

Course Outline

Module 1: Overview of Exchange and Active Directory

After completing this module, students will be able to describe how Exchange Server 2007 and Active Directory work together.

Lessons

- Overview of Microsoft Exchange Server 2007 and Active Directory Directory Service
- Introduction to the Integration of Active Directory and Exchange Server 2007

Lab: Overview of How Active Directory and Exchange Server 2007 Work Together

- Discussion: Explaining How Exchange and Active Directory Work Together

After completing this module, students will be able to:

- Describe the core components of the Active Directory directory service.
- Describe the integration of Active Directory and Exchange Server 2007.

Module 2: Installing Exchange Server 2007

After completing this module, students will be able install Exchange Server 2007.

Lessons

- Introduction to the Exchange Server 2007 Server Roles
- Installing Exchange Server 2007
- Completing the Exchange Server 2007 Installation

Lab 1: Installing Exchange Server 2007

- Preparing the Environment for an Exchange Server 2007 Installation
- Installing Exchange

Lab 2: Verifying an Exchange Server 2007 Installation

- Verifying an Exchange Server 2007 Installation

After completing this module, students will be able to:

- Describe the Exchange Server 2007 server roles.
- Install Exchange Server 2007.

Module 3: Configuring Mailbox Server Roles

After completing this module, students will be able to configure Mailbox Server roles.

Lessons

- Overview of Exchange Server 2007
- Implementing Mailbox Server Roles

- Managing Public Folder Databases

Lab: Configuring Mailbox Servers

- Configuring Storage Groups and Database Files
- Configuring a Public Folder and Store Referrals

After completing this module, students will be able to:

- Describe the Exchange Server 2007 Administration Tools.
- Implement Mailbox Server roles.
- Manage Public Folder databases

Module 4: Managing Recipient Objects

After completing this module, students will be able to manage recipient objects.

Lessons

- Managing Mailboxes
- Managing Other Recipients
- Overview of Managing Public Folders

Lab: Managing Recipient Objects

- Modifying Existing Mailboxes
- Configuring New Mailboxes and Mail-Enabled Objects
- Managing Resource Mailboxes
- Managing Mailbox Removal

After completing this module, students will be able to:

- Manage mailboxes.
- Manage other recipients.
- Manage public folders.
- Manage Mailbox removal.

Module 5: Managing E-Mail Addresses and Address Lists

After completing this module, students will be able to manage e-mail and address lists.

Lessons

- Configuring E-Mail Address Policies
- Configuring Address Lists
- Overview of Bulk Recipient Management Tasks

Lab: Managing E-Mail Addresses and Address Lists

- Managing E-Mail Address Policies

- Managing Address Lists
- Performing Recipient Bulk Management Tasks

After completing this module, students will be able to:

- Configure e-mail address policies.
- Configure address lists.
- Describe bulk recipient management tasks.

Module 6: Managing Client Access

After completing this module, students will be able to manage client access.

Lessons

- Implementing Client Access Servers
- Implementing Client Access Features
- Implementing Outlook Web Access
- Introduction to Implementing Mobile Messaging

Lab: Managing Client Access

- Configuring Client Protocols
- Managing Outlook Web Access Connectivity
- Managing Mobile Device Connectivity

After completing this module, students will be able to:

- Implement client access servers.
- Implement client access features.
- Implement Outlook Web Access.
- Implement Mobile Messaging.

Module 7: Managing Messaging Transport

After completing this module, students will be able to manage messaging transport.

Lessons

- Introduction to Message Transport
- Implementing Message Transport

Lab: Managing Messaging Transport

- Troubleshooting Local Message Delivery
- Troubleshooting Remote Message Delivery
- Discussion: Troubleshooting Message Transport

After completing this module, students will be able to:

- Describe how Message Transport works in Exchange Server 2007.
- Implement Message Transport.

Module 8: Managing Availability, Backup and Recovery

After completing this module, students will be able to manage availability, and backup and recovery.

Lessons

- Implementing High-Availability for Mailbox Servers
- Managing a Backup Solution
- Managing a Recovery Solution

Lab: Managing Backup and Recovery

- Backing Up and Restoring Mailbox Databases
- Restoring Mailbox Databases using Local Continuous Replication (LCR)
- Restoring Data using the Recovery Storage Group

After completing this module, students will be able to:

- Implement high-availability for mailbox servers
- Manage a backup solution.
- Manage a recovery solution.

Module 9: Maintaining the Messaging System

After completing this module, students will be able to maintain the message system.

Lessons

- Overview of Implementing Change Management
- Overview of Updating Exchange Servers

Lab: Maintaining the Messaging System

- Determining the Information Necessary for Change Management Request

After completing this module, students will be able to:

- Describe implement change management.
- Describe how to update Exchange Servers